

DIESEL FUEL BURNER FOR DIESEL EMISSIONS
CONTROL SYSTEM

ABSTRACT

A burner for use in the emissions system of a lean
burn internal combustion engine. The burner has a
special burner head that enhances atomization of the
5 burner fuel. Its combustion chamber is designed to be
submersed in the engine exhaust line so that engine
exhaust flows over the outer surface of the combustion
chamber, thereby providing efficient heat transfer.